Hash Table vs AVL Tree

Parsing and Indexing wikibooks.xml into AVL tree: average - 1.0043 minutes

Parsing and Indexing wikibooks.xml into Hash Table: average - 0.86528 minutes

Searching AVL Tree Index: average - 0.0010009 seconds

Search Hash Table Index: 0 seconds (too small to count)

Reading in Hash Table Index: average – 9.75838 seconds

Reading in AVL Tree Index: average - 14.7024 seconds

In every case, the hash table index implementation performed faster than the AVL tree implementation. With small data sets, the timing difference was imperceptible, but with the larger data set, the results became more apparent.